PRODUCT INFORMATION SUPPLEMENT

BUEHLER®

DELTA™ 2216 AUTOMATIC CHOP CUTTER

BASIC SYSTEM CONFIGURATION

The DELTA™ 2216 is a rugged, abrasive cutter that increases productivity using automatic chop action, SMARTCUT, and programmability. DELTA's Automatic Chop action produces burn free cuts quickly and consistently eliminating damage to sample or machine. Combined with user selected feedrate, DELTA's Chop action also provides excellent results for multiple operators and a wide variety of materials. Unit comes standard with two No. 10-2226 T-Slot Beds with X and Y dual directional positioning, 14″ (355mm) wheel capacity, and No.10-2229 Steel Frame Support Base.

MODEL SPECIFICATIONS AND FACTORY INSTALLED OPTIONS FOR DELTA AUTOMATIC ABRASIVE CHOP CUTTER

DELTA Cutter with 7.5Hp (5.5kW) Motor for 200-220V/60Hz/3 Phase	10-2216-260
DELTA Cutter with 7.5Hp (5.5kW) Motor for 460V/60Hz/3 Phase	10-2216-460
DELTA Cutter with 7.5Hp (5.5kW) Motor for 200-220V/50Hz/3 Phase	10-2216-250
DELTA Cutter with 7.5Hp (5.5kW) Motor for 400V/50Hz/3 Phase	10-2216-400
DELTA Cutter with 7.5Hp (5.5kW) Motor for 200-220V/60Hz/3 Phase, with Electronic Brake	10-2216B-260
DELTA Cutter with 7.5Hp (5.5kW) Motor for 460V/60Hz/3 Phase, with Electronic Brake	10-2216B-460
DELTA Cutter with 7.5Hp (5.5kW) Motor for 200-220V/50Hz/3 Phase, with Electronic Brake	10-2216B-250
DELTA Cutter with 7.5Hp (5.5kW) Motor for 400V/50Hz/3 Phase, with Electronic Brake	10-2216B-400

FIELD OR FACTORY INSTALLED OPTIONS

Filter Conveyor, Swarf Removal System	10-2333**
Large Recirculating System on Wheels*	10-2332**
Serial Cutting Table, 'X' Direction	10-2241†
Fume Extractor	10-2342**
Smoke Filter Kit	10-2342-030
Fume Filter Kit	10-2342-031
Ducting Kit	10-2342-032
Activated Charcoal Fume Filter for 10-2342-031	10-3350-001
Side Panel Splash Guard (pair)	10-2247

OPTIONAL SYSTEM ACCESSORIES

Additional T-Slot Beds & Vises

T-Slot Bed with 3 T-Slots, standard bed with X-axis vise positioning	10-2225
T-Slot Bed with X & Y Cross-slots for most versatile dual directional positioning of vises*	10-2226
Sliding, Left Hand Vise*	10-3529
Sliding, Right Hand Vise*	10-3530
Adjustable Vee Blocks (pair)	10-3525
Horizontal Clamp for Speed Vise Kit (pair)	10-3526
Vee Clamp Block Kit Assembly (pair)	10-3527

* Recommended selections for most applications ** Select same voltage as chosen for DELTA Cutter

† If option 10-2241 is chosen, the cutting envelope is reduced by 5/8″ (18mm).

AUTOMATIC CHOP CUTTER

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Additional T-Slot Beds & Vises (cont.)

Speed Vise Kit (Medium), for holding irregular shaped samples (pair) 10-3531

Riser Block for Speed Vise, Medium (pair) 10-3532

Base Cabinets

Steel Base Cabinet with a Door and Toolrack 10-2228

Steel Base Cabinet with Doors (Designer Model) 10-2230

Cutting Envelope

Maximum diameter of sample: 5.25″ (133mm) with 14″ (355mm) wheel

NORMAL SHIPPING WEIGHT & DIMENSIONS

Normal shipping weight: 740 lbs. (340kg)

Dimensions with hood open: 29″ W x 73″ H x 31″ D (748mm x 1860mm x 792mm)

Dimensions with hood closed: 29″ W x 66″ H x 31″ D (748mm x 1670mm x 792mm)

METABRASE™ ABRASIVE CUT-OFF WHEELS FOR DELTA 2216 AUTOMATIC CHOP CUTTER

DELTA Chop Action Cutters combined with DELTA and METABRASE Chop Cut-off Wheels, are specially formulated for perfect, burn free sections and minimal deformation of cut. Created to maximize the technological advances of the DELTA Chop Cutters, the METABRASE wheels are engineered to provide long life and a better cut surface.

Diameter x Thickness x Arbor
14″ Diameter x 1¼″ Arbor (355mm x 31.75mm) Wheels, Ten per Box (see thickness below)

DELTA Cut-off Wheels for Tool Steels RC60 and above, carburized steels, RR/Al_2O_3, 0.075″ (1.9mm) 10-4310-010

DELTA Cut-off Wheels for Hard Steels RC50, RR/Al_2O_3, 0.115″ (2.9mm) 10-4312-010

DELTA Cut-off Wheels for Medium Hard Steels RC35-50, RR/Al_2O_3, 0.100″ (2.5mm) 10-4316-010

DELTA Cut-off Wheels for Soft or Annealed Steels RC15-35, Rb46-90, RR/Al_2O_3, 0.100″ (2.5mm) 10-4320-010

DELTA Cut-off Wheels for Medium Hard Nonferrous Materials, Uranium, Titanium, Zirconium, R/SiC, 0.094″ (2.4mm) 10-4345-010

DELTA Cut-off Wheels for Soft Nonferrous Materials, Aluminum, Brass, etc., R/SiC, 0.085″ (2.2mm) 10-4350-010

For a complete listing of Buehler consumable supplies for use with the DELTA Cutter, please refer to Buehler's Consumables Buyer's Guide.
Buehler continuously makes product improvements; therefore, technical specifications subject to change without notice.

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BUEHLER LTD - Worldwide Headquarters
41 Waukegan Road • P.O. Box 1
Lake Bluff, Illinois 60044-1699 • USA
Tel: 847/295-6500 • Fax: 847/295-7979
Sales: 1/800/BUEHLER • 1/800/283-4537
Web Site: http://www.buehler.com
Email: info@buehler.com

BUEHLER GMBH - European and MESA Headquarters
In der Steele 2 • 40599 Düsseldorf
Postface 16 03 55 • 40566 Düsseldorf
Telefon: (49) 211 974100 • Telefax: (49) 211 9741079
Web Site: http://www.buehler-met.de • Email: info@buehler.com

BUEHLER FRANCE
Tèlèphone: 0800 89 73 71 • Tèlècopie: 0800 88 05 27
Web Site: http://www.buehler.fr
Email: info@buehler.fr

BUEHLER UNITED KINGDOM
Telephone: 0800 707 6273 • Fax: 0800 707 6274
Web Site: http://www.buehler.co.uk
Email: sales@buehler.co.uk

BUEHLER CANADA
10 Carlow Court, Unit #2 • Whitby, Ontario L1N 9T7
Telephone: 1-800-268-3593
Email: info@buehler.ca

BUEHLER ASIA
5/F Vogue Centre • 696 Castle Peak Road
Lai Chi Kok, Kowloon • Hong Kong, SAR, China
Telephone: (852) 2307 0909 • Fax: (852) 2307 0233